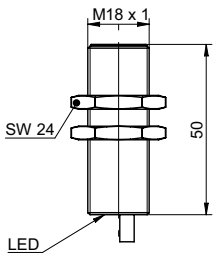
Inductive proximity switch

IGYX 18N37B3/L

dimension drawing



general data	
mounting type	quasi-flush
nominal sensing distance Sn	8 mm
assured sensing distance Sa	6,4 mm
temperature drift	± 10 % of Sr (0 ... +60 °C)
hysteresis	3 ... 20 % of Sr
output indicator	LED red

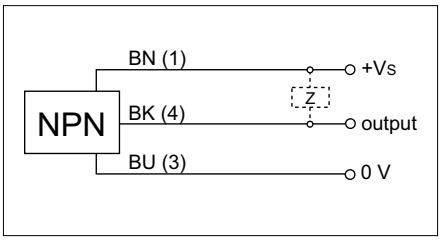
electrical data	
switching frequency	< 400 Hz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	15 mA
output circuit	NPN break function (NC)
voltage drop Vd	< 2,5 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data	
type	cylindrical threaded
material (sensing face)	PBT, red
housing material	brass nickel plated
dimension	18 mm
housing length	50 mm
connection types	cable, 2 m
tightening torque max.	25 Nm

ambient conditions	
operating temperature	-25 ... +75 °C
protection class	IP 67

photo

connection diagram



- Compliant with EMC requirements of EN 60947-5-2: 2007